

DNREC
Division of Watershed Stewardship
Drainage Project Prioritization Ranking Sheet

Project Name:

Ranking Completed By:

Date:

Criteria	Scale	Value	Weight Multiplier	Score (Value x Weight Multiplier)
PUBLIC SAFETY IMPACTS				
1 Emergency vehicle (fire, police, EMT) access to homes	0-10		9.3	0
2 School bus access to homes	0-10		5.3	0
3 Residents' ability to egress (evacuate in a storm event)	0-10		7.5	0
4 Road delineation visibility	0-10		7.3	0
5 Utility impacts (electricity, natural gas)	0-10		7.4	0
ECONOMIC IMPACTS				
1 Mail delivery	0-10		4.6	0
2 Property value impact	0-10		5.9	0
3 Insurance cost/ability to acquire	0-10		3.9	0
4 Direct loss of business (due to closure or inability to access)	0-10		5.9	0
5 Maintenance cost for infrastructure to repair drainage impacts	0-10		7.5	0
6 Home repair due to drainage problems	0-10		6.9	0
7 Property loss (other than homes)	0-10		4.4	0
TECHNICAL CRITERIA				
1 Frequency of drainage problem occurrence	0-10		8.6	0
2 Intensity of incidents	0-10		8.8	0
3 Safety design standards	0 or 1		5.6	0
4 Aerial extent of drainage problems	0-10		8.6	0
5 Complexity of solution	0-10		7.6	0
6 Site accessibility (easements, permission to access)	0-10		8.3	0
ENVIRONMENTAL/ECOLOGICAL IMPACTS				
1 Habitat impacts from drainage problem	0-10		5.6	0
2 Habitat impacts from proposed drainage improvements	0-10		6.5	0
3 Presence of endangered/threatened species	0 or 1		6.8	0
4 Impacts on mosquito populations	0 or 1		5.5	0
5 Water Quality impacts from drainage problem	0 or 1		7.4	0
6 Water Quality impacts from proposed drainage improvements	0 or 1		7.0	0
7 Permitting	0 or 1		7.6	0
AGRICULTURAL IMPACTS				
1 Loss of crops (short term impacts)	0-10		7.3	0
2 Loss of acreage, production capability (long term impacts)	0 or 1		7.6	0
3 Poultry houses/manure sheds	0 or 1		7.1	0
PUBLIC HEALTH IMPACTS				
1 Mold	0 or 1		5.3	0
2 Combined Sewer Overflows	0 or 1		7.8	0
3 Septic Systems	0 or 1		8.8	0
4 Water supply	0-10		8.8	0
SOCIETAL IMPACTS				
1 Environmental justice (EJ)	0 or 1		4.8	0
2 Access to recreation facilities (e.g. Boating, fishing)	0-10		4.4	0
3 Special population impacts	0 or 1		7.0	0
MISCELLANEOUS IMPACTS				
1 Project cost	0-10		9.1	0
2 Availability of project funding from other than State	0-10		7.6	0
3 Conflicts in land management strategies if do drainage project	0 or 1		7.1	0
PROJECT RANKING SCORE				0

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